

Title (en)  
SEPARATION UNIT AND A DISPENSER COMPRISING A SEPARATION UNIT

Title (de)  
ABSCHEIDUNGSEINHEIT UND SPENDER MIT EINER ABSCHIEDUNGSEINHEIT

Title (fr)  
UNITÉ DE SÉPARATION ET DISTRIBUTEUR COMPRENANT UNE UNITÉ DE SÉPARATION

Publication  
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Application  
**EP 17923776 A 20170901**

Priority  
SE 2017050872 W 20170901

Abstract (en)  
[origin: WO2019045610A1] The present invention relates to a separation unit (1) for separating a web material having a web width (W) along preformed lines of weakness, said separation unit (1) having a width direction (W') and comprising at least a first shaft (2) extending along a first longitudinal axis (20) in said width direction (W') and at least a second shaft (3) extending along a second longitudinal axis (22) in parallel with said first shaft (2), said second longitudinal axis (22) being positioned at a distance (d1) from said first longitudinal axis (20) in a direction perpendicular to said width direction (W'), said separation unit (1) further comprising at least one first protrusion element (4) extending perpendicularly from said first shaft (2) and being arranged to be rotatable about said first longitudinal axis (20), and at least one second protrusion element (4') extending perpendicularly from said second shaft (3) and being arranged to be rotatable about said second longitudinal axis (22), wherein, in a use position of said separation unit (1), said first and second protrusion elements (4, 4') are arranged in a staggered relationship such that said protrusion element (4) of said first shaft (2) is partially overlapping with said protrusion element (4') of said second shaft (3) with a radial overlap length (L) in a direction perpendicular to said shafts (2, 3), thus forming an undulating passage for said web material between said shafts (2, 3) with said web width (W) extending in said width direction (W'), characterised by at least one contact element (42') being arranged in biased abutment against at least one of said first and second protrusion elements (4, 4') in a direction perpendicular to said first or second longitudinal axis (20, 22) about which said at least one protrusion element (4, 4') is rotatably arranged.

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Citation (search report)  
No further relevant documents disclosed

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